

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

01/16/02

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J11046 U.S. PTO  
10/050611

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</small>	Attorney Docket No.	3033.1000-008
	First Named Inventor or Application Identifier	Darrell H. Carney
	Express Mail Label No.	EL928149341 US

Title of Invention	Methods of Therapy with Thrombin Derived Peptides
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<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231
1. <input type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i>  2. <input checked="" type="checkbox"/> Specification <b>Total Pages [ 24 ]</b> <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure  3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <b>Total Sheets [ 2 ]</b> <input checked="" type="checkbox"/> Fig. of the Drawings for Publication [ 3 ] <input type="checkbox"/> No Figure to be Published  4. <input type="checkbox"/> Oath or Declaration <b>Total Pages [ ]</b> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).  5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i>	6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form b. <input type="checkbox"/> Paper Copy (identical to computer copy) [ ] Pages c. <input type="checkbox"/> Statements verifying identity of above copies  <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <b>ACCOMPANYING APPLICATION PARTS</b>          7. <input type="checkbox"/> Assignment Papers (cover sheet &amp; documents)              <input checked="" type="checkbox"/> Assignee - Univ. of Texas System, Board of Regents                  Austin, Texas 78701          8. <input type="checkbox"/> Power of Attorney [ ] 37 C.F.R. 3.73(b) Statement          9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>          10. <input type="checkbox"/> Information Disclosure [ ] Copies of IDS Citations              Statement (IDS)/PTO-1449          11. <input type="checkbox"/> Preliminary Amendment          12. <input checked="" type="checkbox"/> Return Receipt Postcard          13. <input type="checkbox"/> Small Entity Statement(s)          14a. <input type="checkbox"/> Foreign Priority Claim under 35 U.S.C. §119 or 365          14b. <input type="checkbox"/> Certified Copy of Priority Document(s)          15. <input type="checkbox"/> Nonpublication Request <i>(check parent application)</i>          16. <input checked="" type="checkbox"/> Other <u>Remarks Letter</u> </div>

17. **If a CONTINUING APPLICATION**, check appropriate box; supply the requisite information.

☒ Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No.: 09/904,090

Prior application information: Examiner: Not Assigned Group Art Unit: 1646

**The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.**  
*(Add standard Related Applications section with incorporation by reference to specification or update same)*

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Submitted by Typed or Printed Name	Linda M. Chinn	Reg. Number	31,240

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Darrell H. Carney

Continuation Application of

Application No.: 09/904,090

Filed: July 12, 2001

For: Methods of Therapy with Thrombin Derived Peptides

Date: 1-16-02

EXPRESS MAIL LABEL NO. EL928149341 US

REMARKS

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The above-captioned application is a continuation of application number 09/904,090 filed on July 12, 2001 to which priority is claimed under 35 U.S.C. §120.

The related applications paragraph has been revised to include the parent application.

The parent application of this continuation application teaches that physiologically functional equivalents of thrombin derivatives encompass modifications such as amidation of the carboxyl terminus (page 10, lines 3-10). The parent application additionally teaches specific amino acid sequences of thrombin derivatives, such as SEQ ID NO.: 3 (page 2-3, lines 28 and 1, respectively).

The present application has been amended at page 3, lines 6-13, and at page 7, lines 8-11 to place the teachings of the parent application described in the previous paragraph in additional

locations in the continuation application to more readily convey this aspect of the invention to the public. Further to that end, the amino acid sequence of SEQ ID NO.: 3 has been additionally represented as a sequence with amide at the C-terminus in SEQ ID NO.: 4.

SEQ ID NO.: 4 of the parent application has now been renumbered as SEQ ID NO.: 5 in this continuation application for purposes of maintaining the continuity of the numbering of the sequences.

The subject matter of Claims 6-8 and 21-23 are first presented in this continuation application, but is fully supported in both the parent and this application. Support can be found in the specification of the parent application at least at page 10, lines 3-10 and pages 2-3, lines 28 and 1, respectively. The claims in this application have been renumbered due to the addition of the new claims, and dependencies were also suitably renumbered as necessary. In addition, an obvious typographical error, an erroneous sequence identification number, has now been corrected in Claims 5 and 20.

No new matter has been added by the amendments to the specification or by the new claims. Therefore, entry of this application as a continuation application of the parent application is respectfully requested.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By



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